

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/598,079
Source: IFWO
Date Processed by STIC: 8/23/06

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IFWO

RAW SEQUENCE LISTING

DATE: 08/23/2006

PATENT APPLICATION: US/10/598,079

TIME: 11:26:05

Input Set : A:\W110720015SEQ.ST25.txt

Output Set: N:\CRF4\08232006\J598079.raw

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3 <110> APPLICANT: Williams, Kevin J
5 <120> TITLE OF INVENTION: ANGIOCIDIN FRAGMENTS AND USES THEREOF IN CLINICAL ASSAYS FOR
6     CANCER AND OTHER DISEASES
8 <130> FILE REFERENCE: W1107/20015
10 <140> CURRENT APPLICATION NUMBER: 10/598,079
11 <141> CURRENT FILING DATE: 2006-08-17
13 <150> PRIOR APPLICATION NUMBER: PCT/US05/05169
14 <151> PRIOR FILING DATE: 2005-02-18
16 <150> PRIOR APPLICATION NUMBER: 60/546,302
17 <151> PRIOR FILING DATE: 2004-02-20
19 <160> NUMBER OF SEQ ID NOS: 3
21 <170> SOFTWARE: PatentIn version 3.3
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 380
25 <212> TYPE: PRT
26 <213> ORGANISM: Artificial
28 <220> FEATURE:
29 <223> OTHER INFORMATION: Sequence from Homo sapiens
32 <220> FEATURE:
33 <221> NAME/KEY: MISC_FEATURE
34 <222> LOCATION: (332)..(332)
35 <223> OTHER INFORMATION: wherein Xaa is any amino acid
37 <400> SEQUENCE: 1
39 Met Val Leu Glu Ser Thr Met Val Cys Val Asp Asn Ser Glu Tyr Met
40 1          5          10          15
43 Arg Asn Gly Asp Phe Leu Pro Thr Arg Leu Gln Ala Gln Gln Asp Ala
44          20          25          30
47 Val Asn Ile Val Cys His Ser Lys Thr Arg Ser Asn Pro Glu Asn Asn
48          35          40          45
51 Val Gly Leu Ile Thr Leu Ala Asn Asp Cys Glu Val Leu Thr Thr Leu
52          50          55          60
55 Thr Pro Asp Thr Gly Arg Ile Leu Ser Lys Leu His Thr Val Gln Pro
56 65          70          75          80
59 Lys Gly Lys Ile Thr Phe Cys Thr Gly Ile Arg Val Ala His Leu Ala
60          85          90          95
63 Leu Lys His Arg Gln Gly Lys Asn His Lys Met Arg Ile Ile Ala Phe
64          100         105         110
67 Val Gly Ser Pro Val Glu Asp Asn Glu Lys Asp Leu Val Lys Leu Ala
68          115         120         125
71 Lys Arg Leu Lys Lys Glu Lys Val Asn Val Asp Ile Ile Asn Phe Gly
72          130         135         140
75 Glu Glu Glu Val Asn Thr Glu Lys Leu Thr Ala Phe Val Asn Thr Leu
76 145         150         155         160

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79 Asn Gly Lys Asp Gly Thr Gly Ser His Leu Val Thr Val Pro Pro Gly
80          165          170          175
83 Pro Ser Leu Ala Asp Ala Leu Ile Ser Ser Pro Ile Leu Ala Gly Glu
84          180          185          190
87 Gly Gly Ala Met Leu Gly Leu Gly Ala Ser Asp Phe Glu Phe Gly Val
88          195          200          205
91 Asp Pro Ser Ala Asp Pro Glu Leu Ala Leu Ala Leu Arg Val Ser Met
92          210          215          220
95 Glu Glu Gln Arg Gln Arg Gln Glu Glu Glu Ala Arg Arg Ala Ala Ala
96 225          230          235          240
99 Ala Ser Ala Ala Glu Ala Gly Ile Ala Thr Thr Gly Thr Glu Gly Glu
100          245          250          255
103 Arg Asp Ser Asp Asp Ala Leu Leu Lys Met Thr Ile Ser Gln Gln Glu
104          260          265          270
107 Phe Gly Arg Thr Gly Leu Pro Asp Leu Ser Ser Met Thr Glu Glu Glu
108          275          280          285
111 Gln Ile Ala Tyr Ala Met Gln Met Ser Leu Gln Gly Ala Glu Phe Gly
112          290          295          300
115 Gln Ala Glu Ser Ala Asp Ile Asp Ala Ser Ser Ala Met Asp Thr Ser
116 305          310          315          320
W--> 119 Glu Pro Ala Lys Glu Glu Asp Asp Tyr Asp Val Xaa Gln Asp Pro Glu
120          325          330          335
123 Phe Leu Gln Ser Val Leu Glu Asn Leu Pro Gly Val Asp Pro Asn Asn
124          340          345          350
127 Glu Ala Ile Arg Asn Ala Met Gly Ser Leu Ala Ser Gln Ala Thr Lys
128          355          360          365
131 Asp Gly Lys Lys Asp Lys Lys Glu Glu Asp Lys Lys
132          370          375          380
135 <210> SEQ ID NO: 2
136 <211> LENGTH: 377
137 <212> TYPE: PRT
138 <213> ORGANISM: Artificial
140 <220> FEATURE:
141 <223> OTHER INFORMATION: Sequence from Homo sapiens
144 <220> FEATURE:
145 <221> NAME/KEY: MISC_FEATURE
146 <222> LOCATION: (329)..(329)
147 <223> OTHER INFORMATION: wherein Xaa is any amino acid
149 <400> SEQUENCE: 2
151 Met Val Leu Glu Ser Thr Met Val Cys Val Asp Asn Ser Glu Tyr Met
152 1          5          10          15
155 Arg Asn Gly Asp Phe Leu Pro Thr Arg Leu Gln Ala Gln Gln Asp Ala
156          20          25          30
159 Val Asn Ile Val Cys His Ser Lys Thr Arg Ser Asn Pro Glu Asn Asn
160          35          40          45
163 Val Gly Leu Ile Thr Leu Ala Asn Asp Cys Glu Val Leu Thr Thr Leu
164          50          55          60
167 Thr Pro Asp Thr Gly Arg Ile Leu Ser Lys Leu His Thr Val Gln Pro
168 65          70          75          80

```

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```

171 Lys Gly Lys Ile Thr Phe Cys Thr Gly Ile Arg Val Ala His Leu Ala
172      85      90      95
175 Leu Lys His Arg Gln Gly Lys Asn His Lys Met Arg Ile Ile Ala Phe
176      100     105     110
179 Val Gly Ser Pro Val Glu Asp Asn Glu Lys Asp Leu Val Lys Leu Ala
180      115     120     125
183 Lys Arg Leu Lys Lys Glu Lys Val Asn Val Asp Ile Ile Asn Phe Gly
184      130     135     140
187 Glu Glu Glu Val Asn Thr Glu Lys Leu Thr Ala Phe Val Asn Thr Leu
188 145      150     155     160
191 Asn Gly Lys Asp Gly Thr Gly Ser His Leu Val Thr Val Pro Pro Gly
192      165     170     175
195 Pro Ser Leu Ala Asp Ala Leu Ile Ser Ser Pro Ile Leu Ala Gly Glu
196      180     185     190
199 Gly Gly Ala Met Leu Gly Leu Gly Ala Ser Asp Phe Glu Phe Gly Val
200      195     200     205
203 Asp Pro Ser Ala Asp Pro Glu Leu Ala Leu Ala Leu Arg Val Ser Met
204      210     215     220
207 Glu Glu Gln Arg Gln Arg Gln Glu Glu Glu Ala Arg Arg Ala Ala Ala
208 225      230     235     240
211 Ala Ser Ala Ala Glu Ala Gly Ile Ala Thr Thr Gly Thr Glu Asp Ser
212      245     250     255
215 Asp Asp Ala Leu Leu Lys Met Thr Ile Ser Gln Gln Glu Phe Gly Arg
216      260     265     270
219 Thr Gly Leu Pro Asp Leu Ser Ser Met Thr Glu Glu Glu Gln Ile Ala
220      275     280     285
223 Tyr Ala Met Gln Met Ser Leu Gln Gly Ala Glu Phe Gly Gln Ala Glu
224      290     295     300
227 Ser Ala Asp Ile Asp Ala Ser Ser Ala Met Asp Thr Ser Glu Pro Ala
228 305      310     315     320
W--> 231 Lys Glu Glu Asp Asp Tyr Asp Val Xaa Gln Asp Pro Glu Phe Leu Gln
232      325     330     335
235 Ser Val Leu Glu Asn Leu Pro Gly Val Asp Pro Asn Asn Glu Ala Ile
236      340     345     350
239 Arg Asn Ala Met Gly Ser Leu Ala Ser Gln Ala Thr Lys Asp Gly Lys
240      355     360     365
243 Lys Asp Lys Lys Glu Glu Asp Lys Lys
244      370     375
247 <210> SEQ ID NO: 3
248 <211> LENGTH: 6
249 <212> TYPE: PRT
250 <213> ORGANISM: Homo sapiens
252 <400> SEQUENCE: 3
254 Cys Ser Val Thr Cys Gly
255 1      5

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/598,079

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Input Set : A:\W110720015SEQ.ST25.txt
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 332

Seq#:2; Xaa Pos. 329

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2

VERIFICATION SUMMARY

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Input Set : A:\W110720015SEQ.ST25.txt

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L:119 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:320

L:231 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:320